WITH THE FARMERS CORDIAL WELCOME

By Prof. W. F. MASSEY



Monday, September 29, 1913. Augusta County: 'in the Valley, the rotation of crops rops of grass, then naving been used is fertilizers with

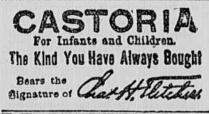
W. F. Maner. you think a good yield of wheat could be obtained by an application of 1,000 pounds of by an application of 1,000 pounds of

This plan will improve the land ber, aster than two years in grass, for imothy is rather more of an exhaustimothy is rather more of an exhaustive crep than an improving one. Then, too, I find that many Valley farmers sell hay, and hence want clean timothy. Selling hay is not favorable to the rapid improvement of the soil, and the itme is now at hand when it will pay better to get the best feed for heeves, and there is going to be more profit in feeding heef cattle in winter, and the clover and mixed hay is better feed for these than clean timothy. Now use lime. I prefer to apply lime hen turning a sod for corn. Then read it on the plowed land and harrow it in, and it will hasten the decay and nitrification of the organic mat-ter, and thus help the corn and bring in conditions favorable for the clover that should go with the following crop of wheat. As to fertilizers. Wheat after corn that has been grown on a manured sod will need only a liberal application of acid phosphate, say 469 tounds an acre, and the same is true of wheat on a closur fallow. wheat on a clover fallow. Wheat it wheat, and only the stubble wed under, should have some nitroin the fertilizer, and the mixture you mention, if increased to 400 pounds of acid phosphate, and 100 pounds of cottonseed meal added, will be better. Or use 400 pounds of rawhone meal and that will give you all the nitrogen needed. Then you might try fifty pounds of muriate of potash on part of the land to show what effect it will have, and I think, that compared with another part without the potash you will find that potash does not pay on your limestone soil. The New Erapea is a sixty-day pea and Whippoorwill is a ninety-day pea.

Pasture for Hogs. ou mention, if increased to 400 pounds of acid phosphate, and 100 pounds of

section in getting ready for a to be used next spring. It

lots, and then run these in a constant succession of crops that will keep the pigs eating most of the year. You could sow one lot or two lots in August in a mixture of rape and crimson elover, and let the pigs pasture on the rape, that will run them, even in August, till near Christmas, and taking them off, the clover will come on for spring pasture. Then in the spring sow another lot in later peas to follow these early ones, and 8cw the clover lots in peas to follow these early ones, and 8cw the clover lots in peas to follow these early ones, and 8cw the clover lots in peas to follow the see early ones, and so will read to make a permanent hog pasture of the whole five acres you can sow a mixture of grasses and clover. Ten pounds of tall meadow oats grass, ive pounds of bluegrass, and after sowing the grasse and clover. Ten pounds of huegrass, and after sowing the grasse and clover. Ten pounds of bluegrass, and after sowing the grasses and clover. Ten pounds of tall meadow oats grass, ive pounds of bluegrass, and after sowing the grasse and after sowing the grasse and alsike clover seed. This is a very hard clover age of the grasse and after sowing the grasse and harrow with teeth slanting backwards. Let the grass get a good, strong start in the spring before turning on it. I will send a little book on small fruits in the spring before turning on it. I will send a little book on small fruits in the spring before turning on it. I will send a little book on small fruits in the spring before turning on it. I will send a little book on small fruits in the spring before turning on it. I will send a little book on small fruits in the spring before turning on it. I will send a little book on small fruits and the product is high-priced, but are to cover from the characteristic products in high products in the product is high-priced, but are to cover from the characteristic products in high products in the product is high-priced, but are to cover from the characteristic products in the first products in the first produ





Noah's Liaiment is the best remedy for Rheumatism. Sciatica, Lame Back, Stiff Joints and Muscles, Sore Throat, Colds, Strains, Sprains, Cuts, Bruises, Colic, Cramps, Neuralgia, Toothache, and all Nerve, Bone and Muscle Aches and Pains. The genuins has Noah's Ark on every package and looks like this cut, but has RED band on ront of package and whoah's Liniment" always in RED ink. Beware of imitations. Sold by all dealers, 25c., 56c., and \$1.00. Guaranteed or money refunded by Noah Remedy Co., Inc., Richmond, Va. Sample free on request.



which I prepared for a plant grower, and you can refund the postage. Windsor Beaus.

"I would like to know more about the English bears known as the Broad TO RECEIVE HANDSOME FLAG usually is corn, Windsor. I understand that they can wheat, wheat and be planted here in North Carolina in two the fall and will mature early in spring. I am running a large dairy, back to corn, raw spring. I am running a large dairy, oone, acid phos- and thought that they might be usethate and potash ful to help out the ensilage in the early spring. A neighbor of mine planted some in March, and they grew table manure from

lime per acre, 350 pounds of acid phos-phate and fifty pounds of potash, as-them at Raleigh, N. C. in November, phate and fifty pounds of potash, asguming that the land needs lime? What
is your opinion of our rotation? What
is your opinion of our rotation at the stay of growth I. In your badge committee, has 'arranged
for the reception of the delegates, and
Mrs. Peter J. White, chairman, of the
Mrs. Peter J. White, chairman, of the
Mrs. Peter J. White, chairman of the
for the reception of the delegates, and
days?" I do not believe that any of
them freen peas at la to fear that
the seed will be green unit they
get their reception of the days of the
freen peas as a table of growth. I have had
them freen p

But if you are sowing purely for the But if you are sowing purely for the Eichmond Blues, who will act as escort to the Daughters of the Confederacy, wheat or rye? The soil will gain only and for the First Virginia Regiment. The feature of the program will be bonaceous material that all plants get the presentation of a beautiful flag from the air, and all the plant food to the First Virginia Regiment by the that plants get from the well will in Virginia Division of the Bughters of clover can get from the air, but which wheat or rye cannot get. You can sow wheat and crimson clover both, The first business of the convention Special Methods for Increasing Plants.

and high priced article. I have ex-perimented in years gone by with the rapid increase of several kinds of plants that were high priced and paid for expensive methods. About thirty years ago Mr. Bliss, a New York seedman, introduced the Early Rose potato, advertising them at \$1 a pound, and later putting them at \$3 a pound. I got a pound for \$1. I cut them to Bocock, Richmond; Mrs. Thomas S. Bocock, Richmond; Mrs. Sallie Tompwill find that potash does not pay on your limestone soil. The New Erapea is a sixty-day pea and Whippoorwill is a ninety-day pea.

Pasture for Hogs.

Augusta County again: "I read your columns in The Times-Dispatch with a great deal of interest, and have derived much benefit from them. On a small farm I have recently purchased I want to plant a strictly first-class pasture for hogs and pigs, say five in the pasture season with patches of clover, which came up poorly when sown with cais two seasons ago. I want to use the pasture as soon as possible in spring. Please tell me how to premote the soil, and what you would plant. Will you also advise me where I can secure a book on small fruits and truck crops?" You are rather late in your section in getting ready for a great season with greater late.

up, and I potted them, and as fast as they made growth I made cuttings pasture to be used next spring. It will be rather late in spring before anything you can sow now will be available.

If I was preparing five acres for hogs I would fence it into about four lots, and then run these in a constant lots, and then run these in a constant lots, and then run these in a constant lots.

Cover Crop in Orchard.
"I have gleaned so much valuable information from your writings that I believe that the more closely I follow your teachings the better farmer I will be. I Three Hundred People Hear teachings the better farmer I will be. I wish to ask in regard to a cover crop for my orchard. My land is so steep that I think it is best not to plow in the tree rows, leaving four or five feet untouched. Do you think that sweet clover would be a good crop to put on these "terraces" to hold the soil from washing? Also to sow in the spaces for winter cover. I begin in early spring harrowing and lay by in June, allowing a growth to prevent the heavy summer rains from washing the soil away." I assume that you are writing about an orchard of apples, though you do not say so. If the trees are well grown and bearing fruit, I would arraignment were disappointed. Dr. simply sow the whole land down to grass. Sow a mixture of twenty pounds of orchard grass and ten pounds of bluerages. These who came to hear a violent arraignment were disappointed. Dr. Francis spoke evenly and without the bitterness that marked his address of bluerages. pounds of orchard grass and ten pounds of bluegrass. Then mow the grass several times during the summer and spread the cut grass under the trees as far as the limbs extend as a mulch. Keep up the fertility of the soil by annual top dressing of rawbone meal and potash, and you will have no further trouble about washing. This does not mean to make a hay field of the orchard or a pasture, but to grow grass and keep it all on the land to make a mulch, retain moisture, and help maintain the fertility of the soil. I would leave the sweet clover out entirely. If you wish to continue the cultivation longer, sow the tree strips in Alsike clover and Canada biusgrass.

Daughters of the Confederacy to Be Well Entertained While Here This Week.

Formal Reception of Delegates Takes Place To-Morrow Night in City Auditorium.

Delegates to the eighteenth annual convention of the Virginia Division, United Daughters of the Confederacy, will arrive this afternoon, and will be met at the stations by a committee especially appointed to care for them.
Mrs. B. A. Bienner, chairman of the
hospitality committee, has arranged

As it is expected that the City Audi-Cover Crops.

Mathews County: "Will you let me the lower floor will be reserved for know through the paper which will the veterans of the Old Soldiers Rome improve the soil most, wheat or rye and for members of the Home for turned under. I can grow wheat better than rye?" Wheat will probably representatives of allied organizations. ter than rye?" Wheat will probably representatives of allied organizations, make more vegetable matter than rye. Seats will also be reserved for the

and the clover and mixed may is better the organic tree of for these than clean timothy. Now as to the use of lime. I have never used lime on wheat, and do not believe that it is the best place in the rotation that it is the best place in the rotation the seconds be taken from the soil, the Confederacy, in memory of the plants get from the soil, the Confederacy, in memory of the plants in the confederacy. while if you sow crimson clover the men who fell from its ranks in the soil will gain in nitrogen, which the days of '61-65. The flag will be re-

> sow wheat and crimson clover both, sowing three pecks of wheat and then sowing fifteen pounds of crimson clover seed, which you can probably buy in Richmond for about \$4.50 at bushel. This will do a great deal more time also for the entertainment of the for the land than wheat or rye alone. erate institutions will be opened to "Can Irish potatoes be bedded and them; there will be receptions at the the sprouts planted like those of the sweet potato?" Perhaps, but it would hardly pay to do it unless with a new ferson Hotel, and there will be a sightseeing tour of the city on Friday after-

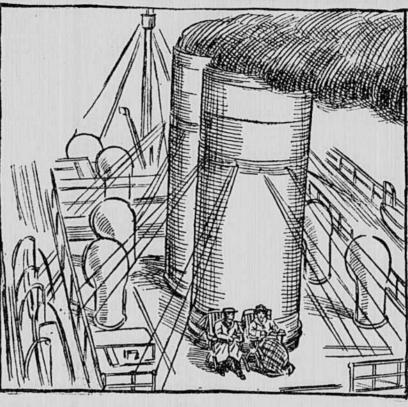
> > The officers of the Virginia Division and other officers who will be present,

about an orchard of apples, though entrance, and listened at the windows, you do not say so. If the trees are Those who came to hear a violent

AWAITS VISITORS Going to Throw Away Four-Fifths Your Answers

Or submit ALL of your ingenuity in the Booklovers' Contest. You can submit as many as ten answers to each picture. Others will take advantage of the chance to make several answers to most of the pictures. You'll need your very best showing in order to win that first prize!

The Times-Dispatch's Great \$1200.00 Gold Booklovers' Contest Picture No. 65 Date, September 29th.



What Book Does This Picture Represent? Write Title and Name of Author in Form Below

Author Street and Number

TOTAL NUMBER OF PICTURES, 77. Contest began July 27th. Each day a different picture appears in this space. Save them until the last picture appears on October 11th. Don't send in partial lists. Wait until you have all the answers to the 77. Read Rules, Daily Story and Special Announcements in another part of this paper. It will help you win a prize. Extra pictures and coupons of any date that have appeared may be had at 2c. Enter to-day without registering your name. Merely Save Pictures and Coupons as they appear.

USE THIS ORDER BLANK FOR CATALOGUE

If you cut this order form, fill it out and send or bring it in with the sum designated, you will receive the Official Copyrighted Contest Catalogue of about 5,000 book titles, and seven certificates redeemable for the first thirty-five pictures in the contest. In the catalogue are all the correct titles to the seventy-seven pictures. Catalogue, 35 cents

Do Not Send Stamps or Silver. Send Check or Money Order.

Booklovers' Contest Editor.

The Times-Dispatch:

Inclosed find 40 cents, for which send me a Booklovers' Contest Catalogue of about 5,000 book titles and the seven certificates redeemable for the first thirty-five pictures.

Name.				٠.							٠.									٠.										٠.	
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GET AN ANSWER BOOK (it contains 77 double pages) AND 35 PICTURES FREE

You can make ten answers to each picture, yet only need but one

On the upper page you paste a picture. On the lower section you write from one to ten book titles which you have selected for the pic-

You save time, labor and expense with an Answer Book, and it helps you to win.

USE THIS ORDER FORM FOR THE ANSWER BOOK.

Booklovers' Contest Editor,

The Times-Dispatch:

Find herewith 80 cents (75 cents at office), for which deliver to me your Answer Book and six certificates, returnable as the pictures appear in the contest for Pictures Nos. 36 to 70.

City State State

Do not send stamps or silver. Send check or money order.

The principal features in connection with this contest are copyrighted by the Booklovers' Contest Co., San Francisco, Cal.

Here Are the Rules.

The contest is open to all readers of this paper. Only Times-Dispatch employes and members of their families are barred. Daily for 77 days will be published in The Times-Dispatch a picture representing the title of a book, one each day. Beneath this picture will be a coupon to fill in with the name of the book and the author, together with the name and address of entrant.

Cut out the picture and coupon, filling in the book title and author's name, writing your name and address neatly and plainly in the place provided.

No restrictions are placed on the manner in which answers to pictures are secured. Each picture represents the title of one book only. If you are not certain of your solution you may send in one to ten answers to the picture. NO MORE THAN TEN ANSWERS WILL BE ACCEPTED TO A PICTURE. Incorrect answers will not count against contestant if correct answer is also given. And put one answer to each picture and coupon. Extra coupons must be secured and used for extra answers. All answers to each picture must be kept together in compiling your set.

Additional pictures and coupons may be obtained at The Times-Dispatch office, by mail or by person. Answers will not be accepted unless they are properly filled out on the coupons appearing beneath each picture. It is necessary that pictures be sent in with the answers in order that all answers may be uniform-

When you have all 77 answers, fasten them together and bring them or mail them in a neat flat package-not folded or rolled-to The Times-Dispatch office, addressed "BOOKLOVERS' CONTEST EDITOR." Prizes will be awarded contestants sending in the largest number of correct solutions. In the event of two or more persons having the same number of correct solutions, the person using the smallest number of extra coupons on the set of answers will be declared the winner. In the event of two or more persons having the same number of correct solutions, and using the same number of coupons, an equal interest in the prizes tied for will be given to each of the tying contestants, or the persons involved in the tie may choose any one of the lesser prizes.

More than one prize will not be awarded to any one family at one address, but each member of the family may enter the contest and submit a complete set.

Only one complete set (comprising not more than 10 answers to any one picture) of answers may be submitted by a contestant. Awards will be made strictly according to the merit of each separate list. The names of more than one person must not be written on any one coupon.

All answers will be considered on their merits. The first set filed will have no preference over the last set filed; provided only that answers must be filed within the time specified after the last picture has appeared.

The awards will be made by the Contest Editor and three wellknown citizens whose names will be announced later.

The correct answers to the series of pictures will be filed with a local trust company or bank previous to the close of the contest.

Entry to the contest may be made at any time. All communications or letters of inquiry concerning the contest should be addressed to the Booklovers' Contest Editor, The Times-Dispatch.

Your Questions Are Answered Here

No, this is unnecessary.

Is this a contest for bookworms-people having lots of book knowledge Emphatically no. Every one has an equal chance.

Q. Will it be satisfactory for me to write my answers on the typewriter?

You may use either pen, pencil or typewriter.

May I use the same title for more than one picture?

You may apply the same title to as many of the different pictures

as you desire. Q. I have made one answer to some of the pictures that I now want to do away with. Is this permissible?

Yes. Just rub out the answers you wish to eliminate and paste a

strip of white paper over them. Q. In forwarding you my certificate for the free pictures I forgot to give you my name and address. Is this necessary?

Yes. In forwarding the Catalogue and Answer Book certificates to this office for any of the pictures, always be sure to write your name and address plainly and let same accompany the certificates. It is impossible for this department to be prompt in mailing the pictures to you, unless you funish us with complete instructions.

Q. Suppose the Catalogue contains some typographical errors? Do not worry about this. The Catalogue is our authority, and if

you follow same you will make no mistake. Write the title and the author's name just as they appear in the Catalogue. Q. How must the pictures be trimmed to paste nicely in the Answer Book?

A. The rules governing the manner in which the pictures should be trimmed and pasted in the Answer Book are not at all rigid. Bear in mind the following:

Try and apply the correct answers.

2. In arranging the pictures in the Answer Book, it is always advisable to be as neat as possible. When you have done this, don't worry.

The proper way, however, to trim the pictures to fit neatly in the Answer Book is around the black wave lines, leaving at the top "The Times-Dispatch Great Booklovers' Contest"—also the number of the picture and the date; leaving at the bottom, "What book does this picture represent?" and "Write title and name of author in form below"-meaning, of course the lower pages of the Answer Book. With the aid of the Answer Book the printed form attached beneath each picture is unnecessary.

We refer you to the contest news appearing each day in the paper. If

you will read same carefully you will keep well posted